Recommended Media Guide — Industrial Printers

The Intermec Advantage
Intermec printers and media are optimized to deliver superior performance when used together. Our rigorous testing and co-engineering ensures maximum print head service life, consistently high print quality, and proven label and tag performance in demanding real-world environments. Intermec printers and media are complemented by our complete line of integrated solutions and services, including rugged mobile computers, RFID systems and advanced scanning technology. Intermec products and services are used by customers worldwide to improve the productivity, quality and responsiveness of their business operations.

Printhead Replacement Program
Intermec will provide no cost replacement printheads, as failures occur due to normal wear and tear, to those customers who use Intermec Media Products exclusively with their Intermec direct thermal and thermal transfer printers. For full details, click here.

Transportation & Logistics	Product	Recommended Ribbons	Part Number	Width	Length	PD41 / PD42	PM4i	PX4i	PX6i	PF4
In-Transit Visibility	Duratherm II Label	not required	E01383	3	1	x	x	x	x	x
			E01384	3.15	5	x	x	x	x	x
			E25735	4	2.5	x	x	x	x	x
			047164	4	6	x	x	x	x	x
			047165	4	6.5	x	x	x	x	x
			E12400	6	4				x	
	Duratran II Label	TMX1500	E06172	3	1	x	x	x	x	x
			E06173	3.15	5	x	x	x	x	x
			ILR00154 (RFID)	4	2		x			
			E06174	4	2.4	x	x	x	x	x
			E06175	4	6	x	x	x	x	x
			ILR00146 (RFID)	4	6		x			
			E06176	4	6.5	x	x	x	x	x
			E12211	6	4				x	
Cross-docking	Duratherm II Label	not required	047164	4	6	x	x	x	x	x
	Duratran II Label	TMX1500	E06175	4	6	x	x	x	x	x
Yard Operations	Duratran II Syntran Label	TMX1500	E04222	4	6	x	x	x	x	x
	Duratran II Kimdura Label	TMX1500	E02202	3	1	x	x	x	x	x
			E02203	3	5	x	x	x	x	x
			E09186	4	6	x	x	x	x	x
	Duratran II Synthetic Tag	TMX1500	E23895	4	6	x	x	x	x	x
	Duratran II Valeron Tag	TMX1500	E12982	4	6	x	x	x	x	x
	Duratran II Gloss Polyester Label	TMX3202	E23068	3	1	x	x	x	x	x
Warehouse Operations	Duratherm II Label	not required	E01384	3.15	5	x	x	x	x	x
			E25735	4	2.4	x	x	x	x	x
			047164	4	6	x	x	x	x	x
	Duratran II Label	TMX1500	E06173	3.15	5	x	x	x	x	x
			E06174	4	2.4	x	x	x	x	x
			E06175	4	6	x	x	x	x	x
	Duratran II Kimdura Label	TMX1500	E03444	4	6	x	x	x	x	x

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Manufacturing and Warehousing	Product	Recommended Ribbons	Part Number	Width	Length	PD41 / PD42	PM4i	PX4i	PX6i	PF4
Direct Product Labeling	Duratran II Gloss Polyester label	TMX3202	E10164	2	1	x	x	x		x
			E23068	3	1	x	x	x	x	x
Secondary Packaging	Duratran II Label	TMX1500	E10997	2	1	x	x	x		x
			E06172	3	1	x	x	x	x	x
			E06174	4	2.4	x	x	x	x	x
Work In Progress	Duratherm II Tag	not required	E04633	4	6	x	x	x	x	x
	Duratran II Tag	TMX1500	E10314	3.55	1.8	x	x	x	x	x
			E09706	4	6	x	x	x	x	x
Cross Docking / Receiving	Duratherm II Label	not required	047164	4	6	x	x	x	x	x
	Duratran II Label	TMX1500	E06175	4	6	x	x	x	x	x
Shelf Labeling	Duratran S Label	TMX1500	E25742	4	2	x	x	x	x	x
	Duratran II Kimdura Label	TMX1500	E03444	4	6	x	x	x	x	x
Tote Labeling	Duratran II Kimdura Label	TMX1500	E02204	4	2.5	x	x	x	x	x
	Duratran II Gloss Polyester Label	TMX3202	E23222	4	2	x	x	x	x	x
Picking/Packing/Shipping	Duratherm II Label	not required	E01384	3.15	5	x	x	x	x	x
			E25735	4	2.5	x	x	x	x	x
			047164	4	6	x	x	x	x	x
			047165	4	6.5	x	x	x	x	x
	Duratran II Label	TMX1500	E06173	3.15	5	x	x	x	x	x
			E06174	4	2.4	x	x	x	x	x
			E06175	4	6	x	x	x	x	x
			E06176	4	6.5	x	x	x	x	x
Healthcare										
Supplies Management	Duratran II Label	TMX1500	E10997	2	1	x	x	x		x
			E09002	3	1	x	x	x	x	x
			E06174	4	2.4	x	x	x	x	x
Asset Tracking	Duratran II Gloss Polyester Label	TMX3202	E10164	2	1	x	x	x		x
			E23068	3	1	x	x	x	x	x
			E23222	4	2	x	x	x	x	x
	Duratran II Kimdura Label	TMX1500	E02202	3	1	x	x	x	x	x
			E02204	4	2.5	x	x	x	x	x
Laboratory – Cryogenic	Duratran II Gloss Polyester Label	TMX3202	E23066 (2-up)	0.51	1.3	x	x	x		x
			E25731	1.5	0.5	x	x	x		x
			E10164	2	1	x	x	x		x
Laboratory – Specimen Slide	Duratran II Gloss Polyester Label	TMX3202	E10164	2	1	x	x	x		x
Laboratory – Vial & Test tube	Duratherm III Lightning Label	not required	E22751	2	1	x	x	x		x
	Duratherm III IR Label (Misys)	not required	E06832	4.1	1.2	x	x	x	x	x
	Duratran II Kimdura Label	TMX1500	E02202	3	1	x	x	x	x	x
	Duratran II Gloss Polyester Label	TMX3202	E23067	1	2	x	x	x		x
			E10164	2	1	x	x	x		x
Laboratory - Autoclave	Duratran II Gloss Polyester Label	TMX3202	E25731	1.5	0.5	x	x	x		x
			E10164	2	1	x	x	x		x
Pharmacy	Duratherm III Lightning Label	not required	E22750	2	5	x	x	x		x

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Retail	Product	Recommended Ribbons	Part Number	Width	Length	PD41 / PD42	PM4i	PX4i	PX6i	PF4
Warehouse Operations	Duratherm II Label	not required	E01382	2.4	4	x	x	x		x
			E01384	3.15	5	x	x	x	x	x
			E25735	4	2.5	x	x	x	x	x
			047164	4	6	x	x	x	x	x
	Duratran II Label	TMX1500	E06171	2.4	4	x	x	x		x
			E06173	3.15	5	x	x	x	x	x
			E06174	4	2.4	x	x	x	x	x
			E06175	4	6	x	x	x	x	x
Consumer Goods										
Manufacturing and Warehouse Operations	Duratherm II Label	not required	E01382	2.4	4	x	x	x		x
			E01384	3.15	5	x	x	x	x	x
			E25735	4	2.5	x	x	x	x	x
			047164	4	6	x	x	x	x	x
	Duratran II Label	TMX1500	E06171	2.4	4	x	x	x		x
			E06173	3.15	5	x	x	x	x	x
			E06174	4	2.4	x	x	x	x	x
			E06175	4	6	x	x	x	x	x
	Duratherm II Tag	not required	E04633	4	6	x	x	x	x	x
	Duratran II Tag	TMX1500	E10314	3.55	1.8	x	x	x	x	x
			E09706	4	6	x	x	x	x	x
DSD and Merchandising	Duratran II Gloss Polyester Label	TMX3202	E10164	2	1	x	x	x		x
			E23068	3	1	x	x	x	x	x
			E23222	4	2	x	x	x	x	x
	Duratran II Kimdura Label	TMX1500	E02202	3	1	x	x	x	x	x
			E02204	4	2.5	x	x	x	x	x
Compliance Labeling and Tagging	Duratherm II Label	not required	047164	4	6	x	x	x	x	x
	Duratran II Label	TMX1500	E06175	4	6	x	x	x	x	x
	Duratran II Label (RFID)	TMX1500	ILR00146	4	6	x	x	x	x	x
Public Sector										
Criminal Justice	Duratran II Label	TMX1500	E10997	2	1.0	x	x	x		x
			E06172	3	1.0	x	x	x	x	x
			E09285	3	2.0	x	x	x	x	x
			E07516	4	2.0	x	x	x	x	x
Asset Tracking	Duratran II Gloss Polyester Label	TMX3202	E10164	2	1.0	x	x	x		x
			E23068	3	1.0	x	x	x	x	x
			E23222	4	2.0	x	x	x	x	x
	Duratran II Kimdura Label	TMX1500	E02202	3	1.0	x	x	x	x	x
			E02204	4	2.5	x	x	x	x	x
	Duratran II Valeron Tag	TMX1500	E12982	4	6.0	x	x	x	x	x
Maintenance and Repair	Duratran II Tag	TMX1500	E09708	4	6.0	x	x	x	x	x
	Duratran II Label	TMX1500	E06172	3	1.0	x	x	x	x	x
	Duratherm II Tag	not required	E04633	4	6.0	x	x	x	x	x

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Product Group	Description
Duratherm II	Duratherm II is a non top-coated direct thermal paper that offers high quality, cost-effective printing. This material is recommended for most general-use applications where exposure to chemicals and moisture is not anticipated.
Duratherm II Tag	Duratherm II Tag is a 7-mil non top-coated direct thermal paper that offers high quality, cost-effective printing. This material is recommended for most general-use applications where exposure to chemicals and moisture is not anticipated.
Duratherm III	Duratherm III is a top-coated direct thermal paper that provides enhanced durability for applications where humidity and surface abrasion are a concern.
Duratherm III Linerless	Duratherm III Linerless is a self-wound adhesive label that provides excellent print quality and durability without the need for a liner. By removing the liner, the roll capacity increases and there's no need to dispose of the liner.
Duratherm III IR	Duratherm III IR is a top-coated direct thermal paper that provides sharp text and bar code printing. Can be scanned with either visible or infrared scanning devices. This product is recommended for use in direct thermal applications where contamination may interfere with bar code scanning.
Duratherm Lightning	Duratherm Lightning is a top-coated direct thermal paper that is more sensitive than the Duratherm III product. This product requires less energy to image and provides high-quality printing.
Duratran™ II	Duratran™ II is a top-coated thermal transfer paper that demonstrates excellent print quality with both the TMX1500 and TMX2200 ribbons. This product is recommended where moderate abrasion, heat or sunlight are present.
Duratran™ II Tag	Duratran™ II Tag is a 7-mil paper tag that provides excellent print quality is recommended for most general-use applications where exposure to chemicals and moisture is not anticipated. This tag is compatible with TMX1500 and TMX2200 ribbons.
Duratran S	A 3 mil thick polypropylene thermal transfer label at an attractive price point. The matte face stock offers excellent print quality and moisture resistance; recommended for up to 6 months outdoor exposure.
Duratran™ II Syntran	A durable polyethylene thermal transfer label. Aggressive specialty adhesive provides excellent tamper evidence on most surfaces.
Duratran™ II Kimdura	A durable, high-quality polyolefin thermal transfer label. Exhibits good tear resistance and moisture resistance, as well as moderate temperature and chemical resistance.
Duratran™ II Gloss Polyester	A high-gloss, top-coated polyester label with exceptional print quality. Excellent tear, smear and abrasion resistance; highly moisture and heat resistant. Product is UL recognized when printed with Intermec ThermaMAX 3201 and 3202 ribbons. Also available in clear and silver face stocks. 4 mil face stocks available for self-strip applications.
Duratran™ II Synthetic Tag	Polyolefin tag with broad application within industrial and outdoor environments. Good tear resistance and durability outdoors.
Duratran™ II Valeron Tag	A premium performance polyethylene tag with excellent tear resistance. Excellent choice when attaching with thin gauge wire or when staples are used.
ThermaMAX 1500	A general-purpose, smear-resistant wax ribbon providing good durability when printing on Duratran™ II Papers and across the range of Intermec Mid-Range Film product line.
ThermaMAX 2200	A mid-range ribbon that provides enhanced abrasion/smear resistance and high image quality when used with Duratran II coated papers and across the Intermec Mid-Range Film product line.
ThermaMAX 3202	A high quality resin ribbon for applications that require the optimum level of smear and abrasion resistance. Excellent imaging and performance across the Intermec Ultra-Durable Film product line.